

Abstract

The present invention relates to a process for producing and winding partially oriented polyester multifilament yarns not less than 85% by weight based on the total weight of the multifilament yarn polybutylene terephthalate (PBT) and/or polytrimethylene terephthalate (PTMT) that contain between 0.05% by weight and 2.5% by weight based on the total weight of the multifilament yarn of at least one additive polymer extensibility enhancer, which comprises providing a wound yarn package which is stable in long-term storage and insensitive to elevated temperatures during storage and transportation by heat-treating the wound polyester multifilament yarn package at a temperature in the range from $> 45^{\circ}\text{C}$ to 65°C .

The present invention further relates to the polyester multifilament yarns obtainable by the process and to their use.